

1964

**F I L E**  
At 11:46 O'Clock *to*  
*Dec. 27* 19 *63*  
*J. E. Anderson*  
County Clerk and Ex-Officio Recorder of  
Custer County, Montana  
by \_\_\_\_\_ Deputy

T. 8 R. 34  
County Chippewa  
RECEIVED  
JUN 4 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG

7


Owner Lee N. Schye Address 615 - N. Lowell  
7 miles City Mont

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started Hand dug in May 1910 Date Completed \_\_\_\_\_

Location: Sec. \_\_\_\_\_ T. 8 R. 34 1/4 sec. marked in Sec plat

Type of well dry Equipment used pick & shovel  
(Aug. driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: augered over with ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: round rock ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: well approx 30 feet deep ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level: don't know feet at don't know gal. per min. don't know

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

No way to tell any thing about soil taken from well  
man who helped dig the well deceased. My husband  
has had a stroke and his memory is bad  
She, as I see best I can do on this  
Selma M. Schye  
wife

(over)

F I L E

# 8855 O'Clock A M

Dec. 1 1961

J. E. Anderson

County Clerk and Ex-Officio Recorder  
Custer County Montana

34

[illegible]

## GROUNDWATER INDEX

Page        of       

County CUSTER Twp. 7N Rge. 4SE

[illegible]

File No. ....

T. 7 R. 45

DUPLICATE

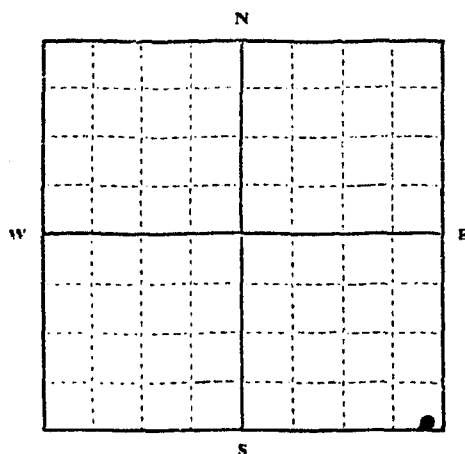
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Chester V. Larsen, of Forestburg, Montana  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 10 T. 7N R. 45

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. MANY YEARS

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Not Known

8. The depth of water table. Not Known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Four inch casing

10. The estimated amount of groundwater withdrawn each year. 182500

11. The log of formations encountered in the drilling of each well if available. Not Known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner. Chester V. Larsen

Date Dec 3, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

30934

11505

12140 9 21 44 P

Jan 9 64

H. E. Lindner

U. S. AIR FORCE, WASHINGTON

File No. ....

T. 7 R. 45

DUPLICATE

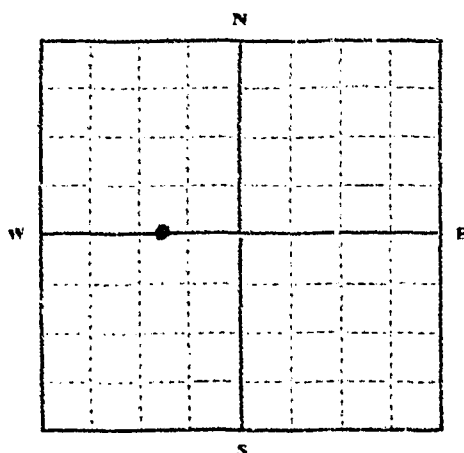
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Chester Larsen (Name of Appropriator) of Lehighmont (Address) Forsyth (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 11 T. 7N R. 45

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock Well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Not known
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known
8. The depth of water table not known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Four inch casing
10. The estimated amount of groundwater withdrawn each year 182,500
11. The log of formations encountered in the drilling of each well if available Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Chester LarsenDate Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

30935

11506

12:45 P

Jan 9

64

He Anderson

1000 1000 1000 1000  
1000 1000 1000 1000





36268

**FILED**

N. 2:30 01 PM  
June 1957  
D. L. Miller  
County Clerk and Ex-Officio: Recorder of  
Deeds, Oklahoma  
Fees 2.00  
Copy

File No. ....

DUPLICATE

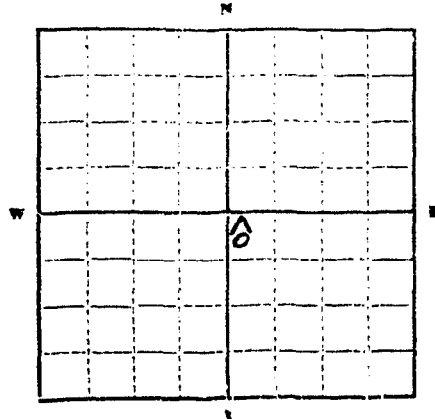
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 7 R. 45 E.  
County Custer  
**RECEIVED**  
DE.

**Declaration of Vested Groundwater Rights** ENGINEER

(Under Chapter 237, Montana Session Laws 1961)

1. Mathias Bear of Box 247 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 13 T. 7 R. 45

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. house  
and stock
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. This well is very  
old and has flowed continuously.
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 5 gals per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal. This is  
an Artesian well.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. Not known
8. The depth of water table. About 200 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. This well has a 4 inch casing,  
piped with a 2 inch pipe to the bottom of the  
well. The water cannot be shut off. Water for the  
house flows through a pressure pump.
10. The estimated amount of groundwater withdrawn each year. Not known
11. The log of formations encountered in the drilling of each well if available. Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.

Signature of Owner

Mathias Bear  
W. B. Bear  
Date 12/25/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

11/25

**FILE**

At 11:25 O'Clock A.  
Dec. 27 1963

*J. E. Anderson*  
County Clerk and Ex. Officer Recorder  
Quota County, Montana

4

File No. ....

DUPLICATE

T. 7 R. 45 E  
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

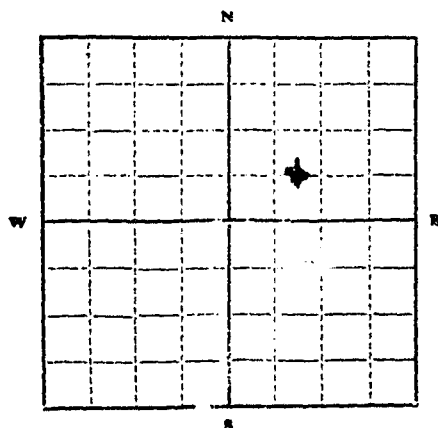
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Walter Wyss of Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/2 NE 1/4 Sec. 14 T. 7 R. 45 E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Household  
and Stock Water
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Estimate 1940  
used nearly continuous for Stock Water
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute).....
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
.....
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal Excess Flow (artesian)  
.....
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Estimate 1940  
.....
8. The depth of water table 500 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater Artesian Flow, weak 3" casing  
about 520 Feet  
.....
10. The estimated amount of groundwater withdrawn each year 90,000 Gallons
11. The log of formations encountered in the drilling of each well if available  
.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record  
.....

Signature of Owner Walter Wyss  
Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

17019

11834

FILED

At 1:24 O'clock P.

of Apr 3/1963

*W. G. Anderson*

County Clerk and ex-officio Register

Clatsop County, Oregon

*W. G. Anderson*

G

Approved Stock Form—State Publishing Co., Helena, Montana—1921

23

File No.

T. 7N R. 45E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

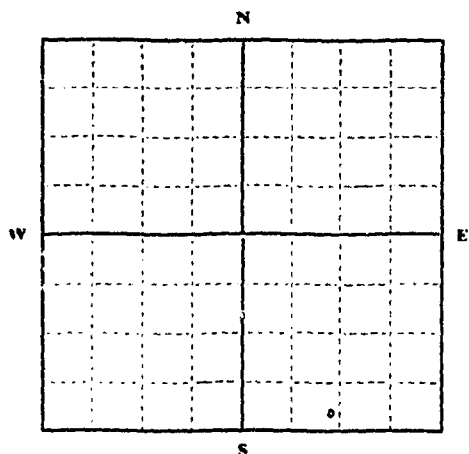
RECEIVED  
DEC 16 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Northern Pacific Railway Company**, of **N.P. Bldg.** **St. Paul**  
(Name of Appropriator) (Address) (Town)  
County of **Ramsey** State of **Minnesota**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**SW 1/4** Sec. **25** T. **7N** R. **45E**

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based **Furnishing water for livestock.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Continuous since 1950.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **one gallon per 1 1/2 minutes.**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **None.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Flowing well.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Flowing well, drilled in 1950.**
8. The depth of water table **Unknown.**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **600 feet deep - 1-inch pipe at surface.**
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available **Not available.**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **None available.**

**Northern Pacific Railway Company**

Signature of Owner By *[Signature]*  
Dist. Supervisor, Graz. & Cult.

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9118

10673

**FILE**

At 2:28 O'Clock PM

Dec 12 1963

W. C. Anderson  
County Clerk and Ex. Officer, Resident  
Custer County, Montana

By \_\_\_\_\_

RECEIVED  
DEC 12 1963  
CUSTER COUNTY, MONTANA



File No. ....

T. 7 R. 45E

DUPLICATE

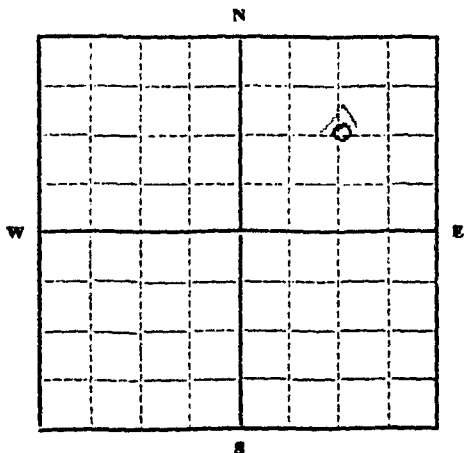
County Golden

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 1 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Mathew Brown of Box 267 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Golden State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. 24 T. 7N R. 45E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - winter water

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2 in. Artesian well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1959

8. The depth of water table 300 feet - 400 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well is 2 1/2 inch diameter pipe which is secured in a shaft all water is on the pipe.

10. The estimated amount of groundwater withdrawn each year 723,400

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Mathew Brown by W. T. [Signature]

Date 12/26/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13951

10985

**F I L E D**

At 11:09 O'Clock A

Dec. 27 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

11 Dec 27

File No. ....

T. 7N R. 45E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1908.

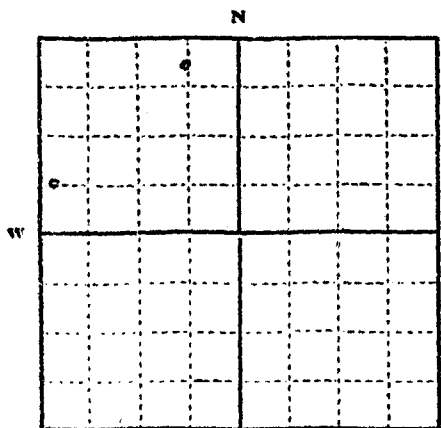
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Two springs, used since 1908.



NE 1/4 and  
SW 1/4 Sec. 25, T. 7N, R. 45E

Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Spring in

SW 1/4 flows one-half gallon per minute.

Spring in NE 1/4 flows one gallon per minute.

Northern Pacific Railway Company

Signature of Owner By *L. H. Thompson*  
Dist. Supervisor, Gravel & Cult.

Date.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the  
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana  
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

18674  
**FILE**  
At 2:30 O'Clock P.M.  
Dec 17 1963  
H.E. Anderson  
County Clerk and Ex-Officio Recorder  
Custer County, Montana

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Under Chapter 237 Montana Session Laws, 1961, as amended,

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

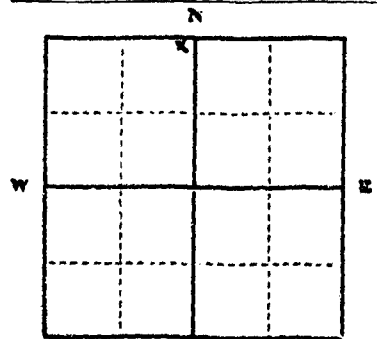
Owner Frank Hartman  
Address Moore Creek  
ST. PAUL MINNESOTA  
Date well started June 9 completed June 10  
Type of well drilled  
(Dug, driven, bored or drilled)  
Equipment used rotary  
(Screw drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use  
File 30814  
September 25, 1970  
4:25 P.M.  
GW 1

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" plastic	190		4"	127	190



NE 1/4 NW 1/4 Sec. 25  
T. 7 N. R. 9.5 E. 6 W.

Static water level 30 ft.\*  
Pumping water level 40 ft.\*  
at 10 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by packing  
for 1 1/2 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Ronald L. Baker  
Driller's Address 215 No. Prairie  
Mile City Mont LICENSE NO. 113

County Custer

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	29
29	34
34	160
160	190
Sand + gravel	
sand	
gravel	
sand	

190 Show exact depth of bottom

47854

30814

**FILED**  
4:25 P.M.  
Sept 25 1970  
L. J. Dance  
County Clerk and Ex-Officio Recorder  
Custer County, Montana  
Keith Ruck

**BURLINGTON NORTHERN**  
RESOURCES DEVELOPMENT  
DEPARTMENT

Montana Water Resources Board  
Water Resource Division  
Mitchell Building  
Helena, Montana 59601  
Dear Sir:

We are returning to you the copy  
which was returned to us.  
We have provided a  
as you requested.

P. O. Box 579  
Helena City, Montana 59301  
Telephone (406) 232 1274

Oct 21 1970

BURLINGTON NORTHERN

RESOURCES DEVELOPMENT  
DEPARTMENT

P. O. Box 579  
Miles City, Montana 59601  
Telephone (406) 232-1274

OCT 27 1970

Montana Water Resources Board  
Water Resource Division  
Mitchell Building  
Helena, Montana 59601

October 22, 1970

Dear Sir:

We are returning to you the copy of groundwater appropriation form  
which was returned to us.

We have provided the estimated annual withdrawal in gallons per year  
as you requested.

Sincerely,

J. L. Bishop, Supervisor  
Grazing and Cultivation

RJG/tc

NE 1/4 NW 1/4 Sec. 25		packers, type of situation
T. 7 N. R. 9 S. E. 1/4		
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.		
Driller's Signature <i>Ronald L. Bishop</i>		
Driller's Address <i>25 No Prairie</i>		
<i>Miles City Mont</i> LICENSE NO. <i>183</i>		
190		Show exact depth of bottom
		47554

STATE OF MONTANA  
DEPARTMENT OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
STATE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

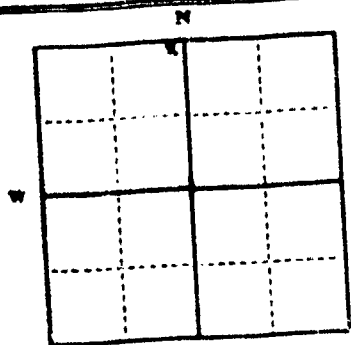
Owner Frank Hartman  
Address Moore Creek  
St. Paul, Minnesota  
Date well started June 9 1962 GW 1  
completed June 10  
Type of well driller (Dig, driven, bored or drilled)  
Equipment used rotary (Cable drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 75,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>4" plastic</u>	<u>0</u>	<u>190</u>	<u>4"</u>	<u>127</u>	<u>190</u>



NE 1/4 NW 1/4 Sec. 25  
T. 7 N. R. 9 S. E. 1/4

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Ronald L. Carlson

Driller's Address 15 No. Prairie  
Mile City Mont LICENSE NO. 183

County Custer

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>0</u>	<u>29</u> <u>soil + gravel</u>
<u>29</u>	<u>34</u> <u>clay</u>
<u>34</u>	<u>190</u> <u>gravel</u>
<u>190</u>	<u>190</u> <u>gravel</u>

190 Show exact depth of bottom

47354



## GROUNDWATER INDEX

Page of

County CLUSTER

Twp.

7B

Rge.

46E

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File No. 2967

C&7 N 4C-47E  
T. R.

UPPLICATE

County CUSTER

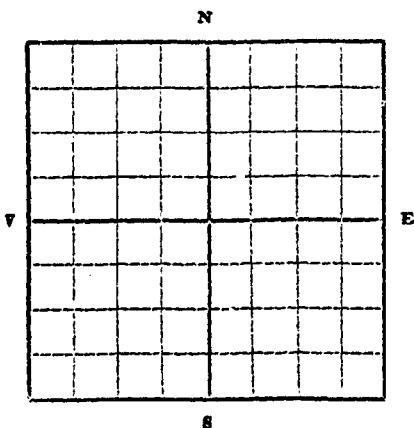
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 25 1962

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

U. S. DEPARTMENT OF AGRICULTURE, U. S. RANGE LIVESTOCK EXPERIMENT STATION  
(Name of Appropriator) of BOX 610, BILES CITY (Town)  
County of CUSTER State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Furnish water for domestic use and for watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been See Item 3, Exhibit I.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) See Item 4, Exhibit I.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal See Exhibit I and II for location. Wells equipped with windmills and auxiliary engines.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater See Item 7, Exhibit I.
8. The depth of water table See Item 8, Exhibit I. Water table given is depth to water bearing sands pumped.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater See Exhibit III. Logs of wells that are available.
10. The estimated amount of groundwater withdrawn each year See Item 10, Exhibit I.
11. The log of formations encountered in the drilling of each well if available See Exhibit III. Available logs.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record See Item 12, Exhibit I.

U.S. D.A., U.S. RANGE LIVESTOCK EXP. STATION

Signature of Owner BY: [Signature]  
Husbandman in Charge J. K. Shepherderry, Animal  
Date 1/24/62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

## EXHIBIT I.

## ITEM NUMBER

Well Identification	Map Number	Section	Township	Range	1/4 Sec.	(3) Date of Earliest and Continuous Use	(4) Gallons Per Minute Claimed	(7) Date Drilled	(8) Depth of Water Table	(10) Estimated Gallons Ground-Water Pumped Each Year
No. 2 Well	123	13	7N	47E	NN	1948 to 1962	10	July 1946	210 ft.	359,856
No. 3 Pasture Well	131	7	6N	47E	NW	1950 to 1962	5	No record	22 ft.	105,754
No. 3 Well	132	3	6N	47E	NE	Prior to 1924-1962	10	No record	No log	158,630
No. 7 Well	133	26	6N	46E	SE	Prior to 1924-1962	10	No record	No log	335,866
No. 1 Well	134	(17)	7N	46E	NW	Prior to 1924-1962	10	No record	No log	246,758
Custer Flat Well	136	4	6N	45E	SE	1935 to 1962	2	Oct. 1935	412 ft.	112,435
Lower lignite Well	137	2	6N	46S	NW	Prior to 1924-1962	5	No record	No log	185,069
Upper lignite Well	138	12	6N	46E	NE	1948 to 1962	10	July 1948	620 ft.	287,885
Upper Coal Creek Well	139	31	6N	46E	SW	1942 to 1962	12	June 1942	289 ft.	89,467
2 C Bend Well	140	36	6N	47E	SW	1950 to 1962	10	June 1950	14 ft.	143,942
Camel Back Well	141	(4)	7N	46E	SW	1947 to 1962	10	Feb. 1947	616 ft.	215,914
Indian Creek Well	142	24	6N	46E	NW	1947 to 1962	12	Feb. 1947	615 ft.	188,006
Blakely Creek Well	143	(4)	7N	46E	SW	1942 to 1962	6	June 1942	680 ft.	89,467
Domestic Well #1	144	(8)	7N	46E	NN	1955 to 1962	60	June 1955	420 ft.	677,520
Domestic Well #2	145	(7)	7N	46E	NE	1958 to 1962	250	Oct. 1958	495 ft.	677,520
Hatchery Well	146	(12)	7N	46E	SE	No record	1.5	No record	600 ft.	699,048
Leadon Well	147	(13)	7N	46E	NE	1960 to 1962	10	July 1960	20 ft.	156,519
Field 3 Well	148	(13)	7N	46E	NE	1961 to 1962	5	Oct. 1960	102 ft.	173,300
Hog Back Well	149	26	6N	47E	SW	1932 to 1962	4	May 1932	194 ft.	146,880
Stone Pine Well	150	21	6N	46E	SW	1932 to 1962	4	May 1932	115 ft.	146,880

GW3

File No. 2591

DUPLICATE

T. 7N R. 46E

County CUSTER

RECEIVED  
JAN 2 1962

STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/31/24  
U.S. Dept. of U.S. Range Live. Exp. Sta.  
Owner Agriculture Address Miles City, Montana

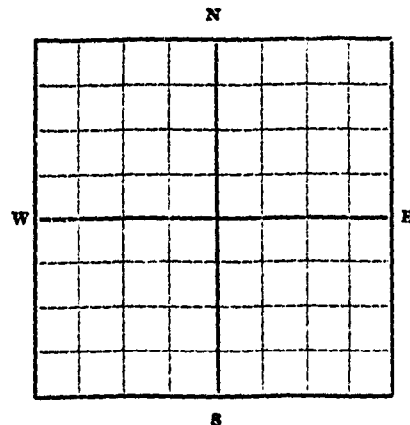
Contractor (if any) None

Address of Contractor None

Date Started 1/1/12 Date Completed 12/31/24

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. (not applicable)

Water was obtained by digging out spring, enclosing source and piping to tank at lower elevation.



..... 1/4 ..... Sec. .... T. .... R. ....

Indicate point of appropriation and place of use, if possible.

Location of springs shown on enclosed map of U. S. Range Livestock Experiment Station.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Quantity of water varies from 1/2 to 1 1/2 gallons

per minute as timed and measured. Periods of use

vary with amount of range feed available.

U.S.D.A., U. S. RANGE LIVESTOCK EXPERIMENT STATION

Signature of Owner BY: J. P. Kuesenberry, Animal Husbandman  
In Charge

Date 12/29/61

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

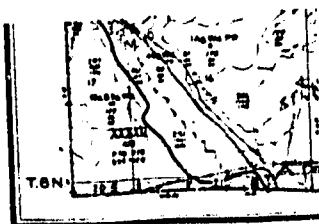
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA  
DEPT. OF GROUNDWATER CODE

JAN 2 1961  
STATE ENGINEER

SPRING LOCATIONS

<u>Spring No.</u>	<u>Name of Pasture Located</u>	<u>Township No.</u>	<u>Range No.</u>	<u>Section No.</u>
1	Blakely Creek (Gravel Pit)	7 North	46 East	10
2	Lower Cottonwood	7 North	46 East	11
3	Lower Cottonwood	8 North	46 East	35
4	Spring Coulee	8 North	46 East	36
5	Field No. 1	7 North	46 East	22
6	"L" Pasture	7 North	46 East	28
7	North Custer Flat	7 North	46 East	28
8	North Custer Flat	7 North	46 East	28
9	Moon Creek	6 North	46 East	8
10	Moon Creek	6 North	46 East	16
11	Moon Creek	6 North	46 East	16



File No.                     

DUPLICATE

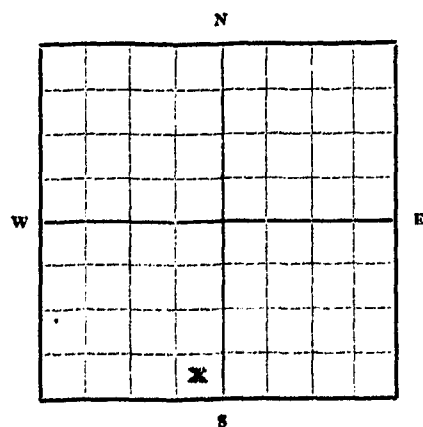
T. 7N R. 46E  
County                     STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ft. Keough Ex - Address Perimeter StationDriller Floyd Higgins Address 721 N. CusterDate of Notice of Appropriation of Groundwater                     Date well started 5-29-63 Date Completed 6-1-63Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6"-22#	0	30'			
5 5/8"	4"-11#	0	90'	3/8" holes	60'	90'

SW 1/4 Sec. 16 T. 7N R. 46E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.Shut-in Pressure for Flowing Well                     Pumping Water Level 20 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well                     How Tested Baler Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)                     6" Grouted with Cement  
4" cemented @ 50'Driller's License Number 12Driller's Signature Floyd Higgins

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

5051.

0. 0. 0. 0. 0.

1-1000 6134

10:10 O'Clock A. M.

July 16 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder of  
Custer County, Montana

## Deputy

File No. ....

DUPLICATE

T. 7 R. 46 E. 12

County Custer

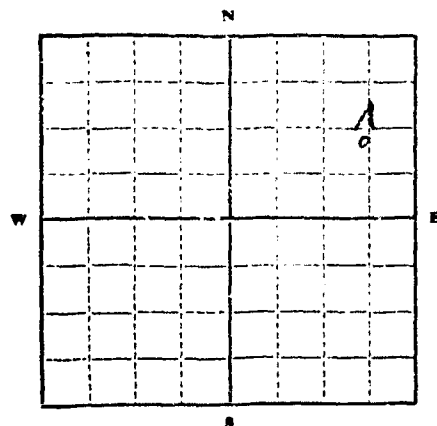
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Mathers Bros. of Box 267 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 18 T. 7 R. 46

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. stock  
water
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. 1959
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 5 gals per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal. pump  
jack
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. August 1959
8. The depth of water table. 200 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. This well is 200 feet deep  
but it comes to within 10 feet of the top of  
the gravel. Cased with 4 inch casing, use  
hydraulic pump pipe
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.

Mathers Bros. Co.  
Signature of Owner W. L. Mathers  
Date 12/26/

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

13948



1982

**F I L E**

11/103 6:00 PM a

Dec 27 1963

J. E. Anderson

County Clerk and Ex-Officio Recorder

Guster County, Montana

by \_\_\_\_\_

Deputy

File No.

DUPLICATE

T. 7N R. 46E

County Carter Mont

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

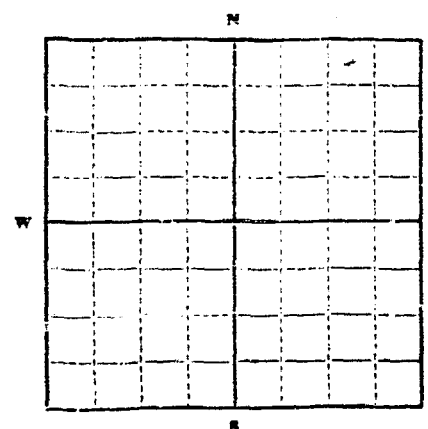
RECEIVED  
DEC 27 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harvey Carter of Box 316 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Carter State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based for  
Domestic, Livestock & Irrigation

3. Date or approximate date of earliest beneficial use, and how con-  
tinuous the use has been

Started in Summer of 1900  
up to date Dec 27, 1962

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 500 gal/min.

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof

300 Acres

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal

Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Summer of 1900 partially  
Complete With full Completion Summer 1924

8. The depth of water table Flowing well.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater

One well 500 deep flowing well  
" " 550 " flowing well

10. The estimated amount of groundwater withdrawn each year 10 gal/min.

11. The log of formations encountered in the drilling of each well if available

The early date of Completion did  
not provide a log.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record

Records in book of  
the Clerk and Recorder of  
County Court House

Signature of Owner

Harvey Carter

Date Dec 27 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology. and Quadruplicate for the Appropriator.

7525  
 FILED  
 At 4:45 O'Clock P.  
 Mar. 4 1963  
 J. E. Anderson  
 County Clerk and Ex-Officio Recorder of  
 Custer County, Montana  
 by \_\_\_\_\_ Deputy

HARVEY CARTER

TOWNSHIP 2 NORTH

RANGE 46 EAST

6	5	4	3	2	1
---	---	---	---	---	---

7625

FILE  
4:40 O'clock  
May 4  
J. H. Carter  
County Clerk and Ex-Officio  
Custer County, Mont.  
39

HARVEY CARTER

TOWNSHIP 7 NORTH

RANGE 46 EAST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19 Well Spring	20	21	22	23	24
30	29 Spring	28	27	26	25
31	32	33	34	35	36

Spring

4 - 46 - 46

File No. ....

DUPLICATE

T. 7 R 46 E  
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

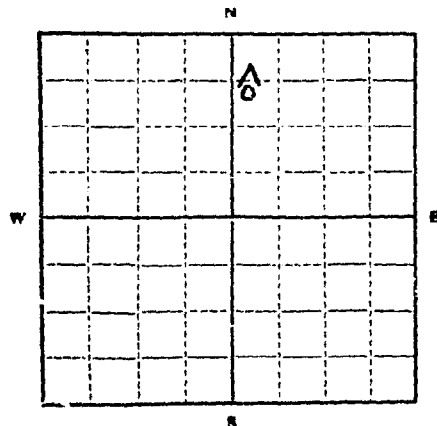
RECEIVED  
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mathers Bros of Box 267 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 19 T. 7 R. 46

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - winter water
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal This is an artesian well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1959
8. The depth of water table 185 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well is cased with 4 inch casing. Water flows to surface through 2 inch pipe which is cemented in. A shut-off valve is on the pipe.
10. The estimated amount of groundwater withdrawn each year 723,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Mathers Bros. by  
W. J. Mathers

Date 12/26/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13950

10984

FILE

At 11:07 O'Clock

Dec. 27 1963

H.S. Anderson

County Clerk and Ex-Officio

Guster County, Kansas

By

Carter  
1963

6

WM 12 J RE

1963

new water well

1963

station has water

water station - 1963

water station

1963  
water station

1963  
water station

File No.

T. 7 N. R. 46 E

DUPLICATE

County Butte

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

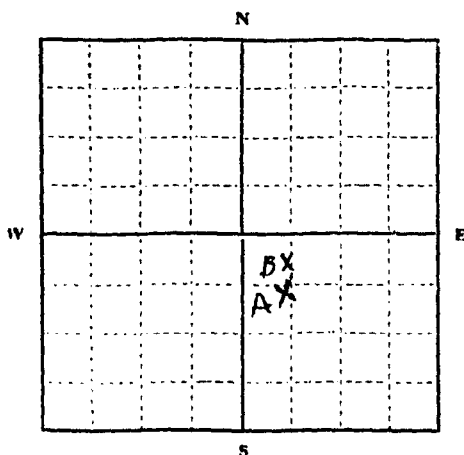
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Walter L. Clark, of Wm. L. Clark, Butte  
(Name of Appropriator) (Address) (Town)

County of Butte State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW NE 20  
SW SE Sec. 7 T. 7 N. R. 46 E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based well A domestic & household well B stock & household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been well A 1890 well B 1839  
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) well A 10 gallons per minute  
well B 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well A electric pressure pump  
well B gas engine & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well A 1890 well drilled electric pump installed  
1948 well B 1939

8. The depth of water table 200 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well A 200 ft. 4 in casing  
well B 10 ft 4 in casing

10. The estimated amount of groundwater withdrawn each year well A 780,000 gallons well B 500,000

11. The log of formations encountered in the drilling of each well if available well A not available  
well B not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Walter L. Clark

Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21986

11421

**F I L E**

# 2:50 O'Clock P.  
Jan 2 1964  
J. S. Anderson  
County Clerk and Ex-Officio Recorder of  
Guster County, Montana  
by \_\_\_\_\_ Deputy



## GROUNDWATER INDEX

Page of

County CUSTER

Twp. 7N

Rge. 47E

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DUPLICATE

T

1

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold and Nancy Perkins of P.O. Box 244, Miles City, Mont.  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

11W. 1/4 Sec. 2 T. 7N. R. 41E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....Household  
use, stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1st August 5 - 1958 - Continuous  
and 7th 15 - 1960 during winter months
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....6.6 gals per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Subsurgible electric pump  
in well No. 12 - T 7N - R 4E
- Description of the construction of the well, wells, or other works for withdrawal.....  
1958 - 12 ft deep  
1960 - 22 ft deep
- Diameter, size and depth of each well or the general specifications of any other work.....  
hole - 12 ft dia.  
depth - 22 ft
- Gallons withdrawn each year.....365,000 gal
- Date of drilling of each well if available.....  
22 Aug 58 (12 ft), 22 Aug 60 (22 ft)  
21 Aug 58 (12 ft), 21 Aug 60 (22 ft)
- Name of person who drilled each well.....  
J. J. Smith
- Signature of applicant as may be useful in carrying out the policy of this act, including true copy record.....

Signature of Owner

**Date.**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14141

11280

**F I L E**

At 3:28 O'Clock P  
Dec. 30 1963

J. E. Anderson

County Clerk and Ex-Officio Recorder  
Custer County, Montana

By \_\_\_\_\_ Deputy

File No. ....  
DUPLICATE

WATER CONSERVATION BOARD

T. <sup>47E</sup> 7N R. ~~52E~~  
County Custer

JAN 30 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

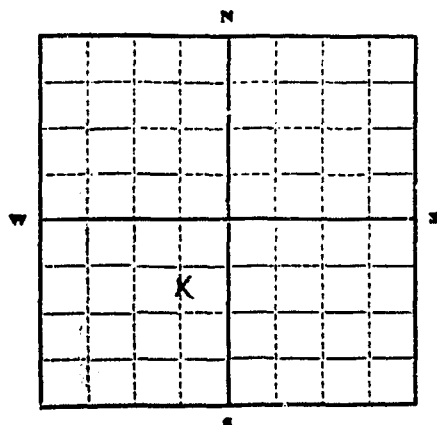
OFFICE OF STATE ENGINEER

By \_\_\_\_\_  
Examined \_\_\_\_\_  
Certified \_\_\_\_\_  
Notary \_\_\_\_\_

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joe S. Dent of Box 1, Box 292 Millers City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



<sup>47E</sup>  
SE 1/4 SW 1/4 Sec. 3 T. 7N R. 52E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. Stockwater, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Springs appropriated August, 1965 for stock water, used continuously to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Joe S. Dent, Owner. 18 acres irrigated in Lot 7 T. 7 N., R. 52E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Flowing springs, into stockwater dam. Pumped out by gas engine for irrigation.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started September 1, 1965, completed May, 1966
8. The depth of water table. Surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Springs flow from embankment into pond.
10. The estimated amount of groundwater withdrawn each year. Flow varies with season from 1 g.p.m. to 25 g.p.m.. Use is approximately 5,000,000 gallons.
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Joe S. Dent  
Date Nov. 23, 1966

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2/1/68

21999

**FILED**

At 4:05 O'Clock P.M.

January 27, 1962

*J. Sanderson*

County Clerk and Ex-Officio Recorder

Custer County, Montana

By \_\_\_\_\_

STALLARD & DENT  
CERTIFIED PUBLIC ACCOUNTANTS  
9 NORTH FIFTH STREET, PHONE 232-1118  
MILES CITY, MONTANA 59301

M. BERL STALLARD, C. P. A.  
JOE S. DENT, C. P. A.

February 8, 1967

MEMBERS  
AMERICAN INSTITUTE OF  
CERTIFIED PUBLIC ACCOUNTANTS

STATE WATER CONSERVATION BOARD

FEB 9 1967

Bills \_\_\_\_\_  
Butcher \_\_\_\_\_  
Coyle \_\_\_\_\_  
Dahlstrom 2/10 \_\_\_\_\_  
Dickert \_\_\_\_\_

State Engineer's Office  
Capitol Building  
Helena, Montana 59601

Gentlemen:

I recently filed two claims for ground water rights in Custer County Montana.

I discovered today that we had listed the wrong range.

This has been corrected in the County Recorder's office. Please substitute Range 47E for Range 57E on your records.

Very truly yours,

By

Joe S. Dent  
Joe S. Dent

JSD/dg

Signature of Owner

Joe S. Dent  
Date November 23, 1966

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

T. 7 R. 47 E  
County Custer

F  
 E  
 C

~~Dickert~~ (Under Chapter 237, Montana Session Laws, 1961)

[illegible]

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. Drinking,  
stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. Continuous since 1955
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 20 g.p.m.
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Joe S. Dent, Owner. Lot 6, of Section 3, T4, R 57E  
3 acres
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal. Well in S.E. corner lot 6, withdrawn by electric  
pump
7. A description of the construction of the well, wells, or other works for with-  
drawal. in 1955
8. The diameter, size and depth of each well or the general specifications of any other  
water. Well is 4" casing, about 80' deep
9. The amount of water withdrawn each year. 1,000,000 gallons
10. The drilling of each well if available.
11. Any other information that may be useful in carrying out the policy of this act, including  
any record.

Signature of Owner \_\_\_\_\_

Date **November 23, 1966**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21998

**FILED**

At 7:05 O'Clock P.M.

January 27, 1962

W. J. Scarborough

County Clerk and Ex-Officio Recorder of  
Custer County, Montana

Deput.



File No. ....  
DUPLICATE

T. 7N R. 47E  
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

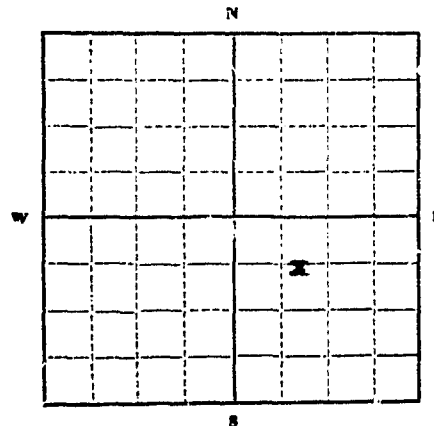
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 3 1963

STATE ENGINEER

1. Max and Walter Zimmer of Route 1 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 3 T. 7N R. 47E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
household & stock
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been..... old well-continuous
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... 5 gal per min
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
none
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.....  
pump jack - motor

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater..... not known
8. The depth of water table..... 30'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater..... 4" cased 60'
10. The estimated amount of groundwater withdrawn each year..... 110,000 gallons
11. The log of formations encountered in the drilling of each well if available.....  
none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.....

Signature of Owner Max & Walter Zimmer  
Date 12-2-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

7768

30718

**F I L E**  
It 10145 O'Clock A.  
Dec. 2 1863  
J. E. Anderson  
County Clerk and Ex-Officio Recorder  
Custer County, Montana  
30



Miles City, Mont.  
10-18-1950

Well Logg No. 1  
Miles City Stock Yards

1 - 17 ft. sandy top soil  
17 - 22 ft. quick sand  
22 - 32 ft. gravel  
32 - 60 ft. blue shale  
60 - 85 ft. water sand  
85 - 105 ft. blue shale  
105 - 114 ft. sand rock  
114 - 127 ft. blue shale  
127 - 135 ft. sand rock  
135 - 145 ft. blue shale  
145 - 163 ft. water sand  
163 - 168 ft. rock  
168 - 173 ft. water sand  
173 - 175 ft. rock  
175 - 178 ft. water sand  
178 - 181 ft. rock  
181 - 210 ft. water sand  
210 - 235 ft. blue shale  
235 - 245 ft. water sand  
245 - 265 ft. blue shale  
265 - 270 ft. sand  
270 - 274 ft. shale  
274 - 277 ft. rock  
277 - 282 ft. water sand  
282 - 286 ft. rock  
286 - 300 ft. water sand  
300 - 301 ft. rock  
301 - 305 ft. water sand  
305 - 308 ft. rock  
308 - 315 ft. water sand  
315 - 317 ft. rock  
317 - 397 ft. water sand  
397 - 399 ft. rock  
399 - 410 ft. water sand  
410 - 415 ft. blue shale  
415 - 442 ft. water sand  
442 - 443 ft. rock  
443 - 486 ft. water sand  
486 - 496 ft. blue shale

Cased with 214 ft. 6 in. pipe and 283 ft. 4 in. pipe. Total 497 ft.  
6 in. pipe preforated from 172 to 214 ft.  
4 in. pipe preforated from 235 to 265 ft. from 277 to 387 ft. from  
415 to 476 ft.

A. L. Draine, Driller



File No. ....

T. 7 N. R. 47 E.

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

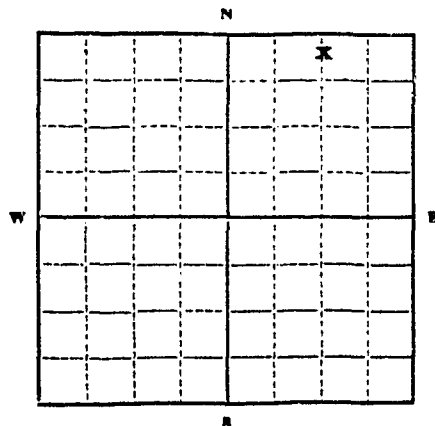
RECEIVED  
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Miles City Saleyards Company of Box 569 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 5 T 7N R 47E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Drinking,  
Stock water, Fire fighting

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 9-18-50  
continuous

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 100 G.P.M.

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Indirect to Tract "W"  
Industrial Site - Miles City, Montana

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 9-10-1950

8. The depth of water table Log attached

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater Log attached

10. The estimated amount of groundwater withdrawn each year 300 hours at 100 G.P.M.

11. The log of formations encountered in the drilling of each well if available Log attached

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record Log of well attached

MILES CITY SALEYARDS COMPANY

Signature of Owner M. Paul Ottland  
Secretary

Date 12-12-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

Miles City, Mont.

9-18-1950

Well Logg No. 2  
Miles City Stock Yards

1 - 17 ft. sandy top soil  
17 - 31 ft. river sand and gravel  
31 - 33 ft. blue shale  
33 - 36 ft. sand  
36 - 90 ft. blue shale  
90 - 105 ft. water sand  
105 - 142 ft. blue shale  
142 - 144 ft. sand rock  
144 - 165 ft. blue shale  
165 - 175 ft. water sand  
175 - 188 ft. blue shale  
188 - 189 ft. rock  
189 - 190 ft. blue shale  
190 - 205 ft. water sand  
205 - 206 ft. rock  
206 - 292 ft. blue shale  
292 - 295 ft. rock  
295 - 305 ft. water sand  
305 - 308 ft. rock  
308 - 313 ft. water sand  
313 - 314 ft. rock  
314 - 323 ft. water sand  
323 - 325 ft. rock  
325 - 350 ft. water sand  
350 - 351 ft. rock  
351 - 380 ft. water sand  
380 - 383 ft. rock  
383 - 390 ft. blue shale  
390 - 395 ft. sand  
395 - 401 ft. blue shale

The exact depth of the well is 401 feet. 37 ft. 6 in surface pipe.  
Cased with 197 ft. 4 in. pipe at the bottom and 205 ft. 6 in.  
pipe at the top with the two set on the bottom and perforated  
at 160 to 180 feet and 190 to 210 ft. also 290 to 390 feet.  
Pump installed at 150 feet.

A. L. Draine, Driller

FILE

At 7:06 O'clock A.

Dec. 26 1863

H. E. Anderson

County Clerk and Ex-Officio Recorder  
Custer County, Montana

V

Deputy

Original with J. M. W. & Co. for copy of the papers and to be  
the same, signed by the party to the same, in the presence of me.



File No. ....

T. 7 N. R. 47 E

DUPLICATE

County Custer

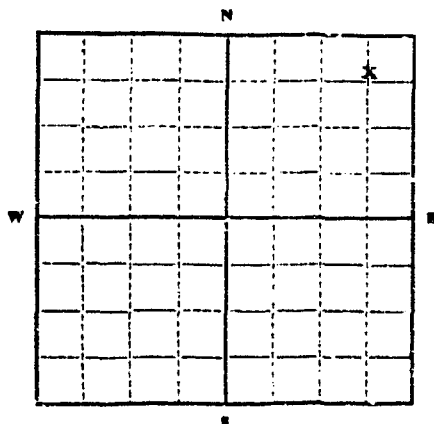
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Miles City Saleyards Company of Box 569 Miles City, Montana  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 5 T7N R47E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Fire fighting  
and irrigation

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been August 1, 1962

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 35 G.P.M. Steady flow

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
10 acres to N & E & W

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater August 1, 1962

8. The depth of water table 17 to 19 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater Tank perforated and buried to 32 feet at  
bottom for storage

10. The estimated amount of groundwater withdrawn each year 50 hours @ 35 G.P.M.

11. The log of formations encountered in the drilling of each well if available  
Bottom 32 feet

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record Using surface water only

MILES CITY SALEYARDS COMPANY

Signature of Owner By M. J. Stiller  
Secretary

Date 12-12-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

1961

FILE  
It. 9104 O'Clock Q.  
Dec. 24 1963  
N.E. Anderson  
County Clerk and Ex-Officio Recorder  
Custer County, Montana  
y. Depos

File No.

T 7 N. R 47 E.

DUPLICATE

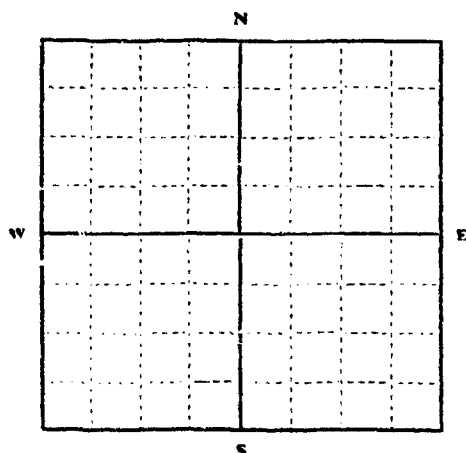
County Custer  
Miles City Fish PondSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1967  
STATE ENGINEER

1. Montana Fish & Game Commission, of Helena  
(Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_ State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 5 T. 7 N. R. 47 E.

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based  
Fish Rearing Pond
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 23, 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal/min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not Applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957 - September
8. The depth of water table Approximately 40'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
1 well - 80' deep - 6" cast iron casing
10. The estimated amount of groundwater withdrawn each year 12,000,000 gal - 1 year
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

1-2-67

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quaduplicate for the Appropriator.

21985

11406  
**FILED**  
At 91416 O'Clock A. P.  
Jan 12 196  
J. E. Anderson  
County Clerk and Ex-officio Recorder  
Butte County, Montana  
By \_\_\_\_\_